

Appl. No. 10/075,311
Amendment and/or Response
Reply to Office action of 10 January 2005

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REMARKS / DISCUSSION OF ISSUES

Claims 1-9 are pending in the application.

The applicants thank the Examiner for acknowledging the claim for priority and receipt of certified copies of all the priority document(s).

The applicants thank the Examiner for acknowledging that the drawings are acceptable.

The Office action rejects:

claims 1-6, 8, and 9 under 35 U.S.C. 103(a) over Ishihara (EP0588019) and Bae et al. (USP 5,247,194, hereinafter Bae); and

claim 7 under 35 U.S.C. 103(a) over Ishihara, Bae, and Bonnett et al. (USP 6,075,506, hereinafter Bonnett).

The applicants respectfully traverse these rejections.

Claim 1, upon which claims 2-9 depend, specifically claims a display device that is configured to increase the switching rate of pixels in the sequence of selecting the pixels during operation. Neither Ishihara, nor Bae, nor Bonnett, individually or collectively, teaches or suggests increasing the switching rate of pixels in the sequence of selecting the pixels, as specifically claimed in claim 1.

The Office action acknowledges that Ishihara does not teach increasing the switching rate of pixels in the sequence of selecting the pixels, and asserts that Bae provides this teaching. The applicants respectfully disagree with this characterization of Bae.

Bae teaches a fabrication technique that provides transistors/pixels with a higher switching rate than conventional transistors/pixels, but Bae is silent with regard to affecting the switching rate of such pixels based on the sequence of selecting the pixels. Presumably, consistent with conventional techniques prior to the applicants' invention, all of Bae's pixels will be fabricated similarly, and each will exhibit the improved switching speed, independent of the sequence of selecting the pixels.

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The Office action also asserts that Bonnett teaches a temperature increase in the direction of the sequence of selecting the pixels. The applicants respectfully disagree with this characterization of Bonnett. Bonnett teaches a change of grey-scale level as a function of temperature, and notes that the changes in the grey-scale level are in opposite directions for even and odd frames. That is, Bonnett teaches alternating grey-scale level changes as a function of frame sequences, and does not teach or suggest increasing switching speeds by varying the temperature in the sequence of selecting the pixels, as specifically claimed by the applicants.

Because neither Ishihara, nor Bae, nor Bonnett, individually or collectively, teaches or suggests increasing the switching rate of pixels in the sequence of selecting the pixels, as specifically claimed in claim 1, upon which each of the other claims depend, the applicants respectfully request the Examiner's reconsideration of the rejection of claims 1-9 under 35 U.S.C. 103(a) over Ishihara and Bae, or Ishihara, Bae, and Bonnett.

In view of the foregoing, the applicants respectfully request that the Examiner withdraw the objection(s) and/or rejection(s) of record, allow all the pending claims, and find the application in condition for allowance. If any points remain in issue that may best be resolved through a personal or telephonic interview, the Examiner is respectfully requested to contact the undersigned at the telephone number listed below.

Respectfully submitted,



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